

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Pears et al.
Appl. No.: 09
Series Code: 868,601
Serial No. ↑

Group Art Unit: 1714
Examiner: Callie E. Shosho
Atty. Dkt. P 0281297
M# Client Ref

Filed: November 19, 2001

Hon. Commissioner of Patents
Washington, D.C. 20231

Appl. Title: Ink-Jet Ink Compositions

Sir:

REPLY/AMENDMENT/LETTER

Date: February 26, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herein by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☒ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously
- For B & C
See Required
Separate Paper
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	18	**minus 20	0	x \$18/\$9 =	+ \$0 103/203
3. Independent Claims	1	***minus 3	0	x \$84/\$42 =	+ \$0 102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)	add	+ \$280/\$140 =	+ \$0	104/204	
5. Original due Date: January 30, 2003	<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$410/\$205 = \$930/\$465 = \$1,450/\$725 = \$1,970/\$985 =	+ \$110		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8.					
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55	+ \$0	148/248	
10. If IDS attached requires Official Fee under Rule 97 (c),	add	+ \$180	+ \$0	126	
or if Rule 97(d) Request	add	+ \$180	+ \$0	126	
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$750/370	+ \$0	146/246	
12. No. of additional inventions for examination per Rule 129(b)		x \$750/375 ea	+ \$0	149/249	
13. Request for Continued Examination (RCE)		+ \$750/375	+ \$0	1179/1279	
14. Petition fee for			+ \$0		
15.					
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".					
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.					
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.					
TOTAL FEE =				\$110	
				PLEASE CHARGE DEPOSIT ACCOUNT	

CHARGE Deposit Account No. 03-3975
Our Order No. 070662 0281297

C# M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

7/26/2003 00000083 033975 09050501

P.O. Box 10500
McLean, VA 22102
Tel: (703) 905-2000

Pillsbury Winthrop LLP
Intellectual Property Group
By Atty: Richard A. Steinberg

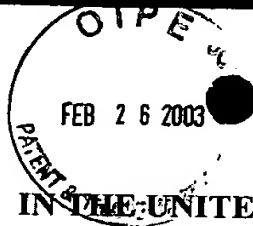
Sig: *Richard A. Steinberg*

Reg. No. 26,588

Fax: (703) 905-2500
Tel: (703) 905-2039

Atty/Sec: RAS/kmh

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

David A. Pears et al.

Application Serial No. 09/868,601

Filed: November 19, 2001

Title: INK-JET INK COMPOSITIONS

Confirmation No. 3270

Group Art Unit: 1714

Examiner: Callie E. Shosho

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February 26, 2003

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AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 30, 2002, please amend the above identified application as follows herein.

IN THE CLAIMS

Please enter the following amended claims:

1. (Amended) An ink having a viscosity less than 20 mPa.s (cP) at 20°C, comprising the components:

(a) a water-dissipatable polymer with pendant hydroxy functional groups, wherein the water-dissipatable polymer has a Mn less than 25,000 and is prepared by copolymerizing:

- i) 1 to 95% of monomers having hydroxy functional groups, or a group which is convertible to a hydroxy functional group;
- ii) 1 to 95% of monomers providing water-dispersing groups;
- iii) 0 to 95% of monomers which are free from water-dispersing groups and hydroxy functional groups

wherein i) + ii) + iii) add up to 100;

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